

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Hiroshi SAWADA et al.

Application No.: New U.S. National Phase of

PCT/JP2005/009002

Filed: June 28, 2006

Docket No.: 128550

For: MONITORING SYSTEM FOR INTERNAL COMBUSTION ENGINE

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.

An Information Disclosure Statement was filed with this application on June 28, 2006. This Supplemental Information Disclosure Statement is filed to clarify the original Information Disclosure Statement.

The June 28, 2006, Information Disclosure Statement indicated that all of cited references 1-5 were cited in the International Search Report, and indicated that according to the Notification of Acceptance in this file, a copy of each reference is already in the PTO file and therefore no copies of any such references was attached. However, that indication was in error. First, only cited references 1-4 were cited in the International Search Report. Second, copies of all five cited references, along with the indicated English-language abstracts of all five references and the indicated computer-generated translations of three of the references, as noted in the Form PTO-1449, were submitted along with the June 28, 2006, Information Disclosure Statement.

Also attached hereto is an additional concise explanation of relevance of the cited references 1, 2, and 5 cited in the June 28, 2006, Information Disclosure Statement.

Respectfully submitted,

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Date: July 19, 2006

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FOR IDS:

Comments provided by Toyota on the following Prior Art References (English Abstracts attached)

JP 10-159640A:

This reference discloses a device for determining abnormality of an air-fuel ratio sensor by comparing an output value of the air-fuel ratio sensor in a certain operational state of an engine with a reference value.

JP 04-8845A:

This reference discloses a diagnosis device for control system of an internal combustion engine, wherein abnormality of two oxygen concentration sensors is determined based on a difference in outputs of the two oxygen concentration sensors.

JP-2003-120399A:

According to this reference, an NO<sub>x</sub> sensor is determined to have the abnormality when a variable waveform of an output value of the NO<sub>x</sub> sensor is deviated from a reference variable waveform, upon forcibly varies the air-fuel ratio of the exhaust gas.

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